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WATER SUPPLY OUTLOOK FOR UTAH



U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

**UTAH STATE DEPARTMENT OF NATURAL RESOURCES
-- DIVISION OF WATER RIGHTS**

AS OF
APR. 1, 1975

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

*Cover Photo: Cabins near Sacajawea Snow Course
in Bridger Mountains, Montana.*

SCS PHOTO 11-P480-15

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 111, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	204 E. 5th. Ave., Room 217, Anchorage, Alaska 99501
Arizona	6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1218 S. W. Washington St., Portland, Oregon 97205
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82601

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



WATER SUPPLY OUTLOOK FOR UTAH

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

KENNETH E. GRANT

ADMINISTRATOR
SOIL CONSERVATION SERVICE
WASHINGTON, D.C.



Released by

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STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
SALT LAKE CITY, UTAH

In Cooperation with

DEE C. HANSEN

STATE ENGINEER
DIVISION OF WATER RIGHTS
UTAH STATE DEPT. OF NATURAL RESOURCES



Report prepared by

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and

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SOIL CONSERVATION SERVICE
SNOW SURVEY SECTION
4012 FEDERAL BUILDING
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PROSPECTIVE WATER SUPPLIES

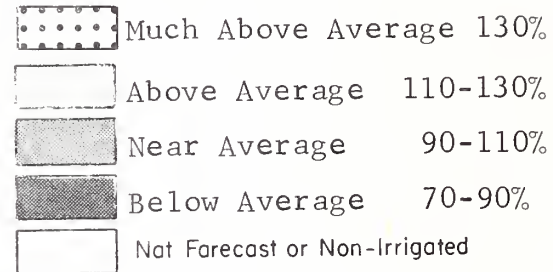
Based on Snow Surveys Made on
UTAH and BEAR RIVER WATERSHEDS

April 1, 1975

Approximate Date



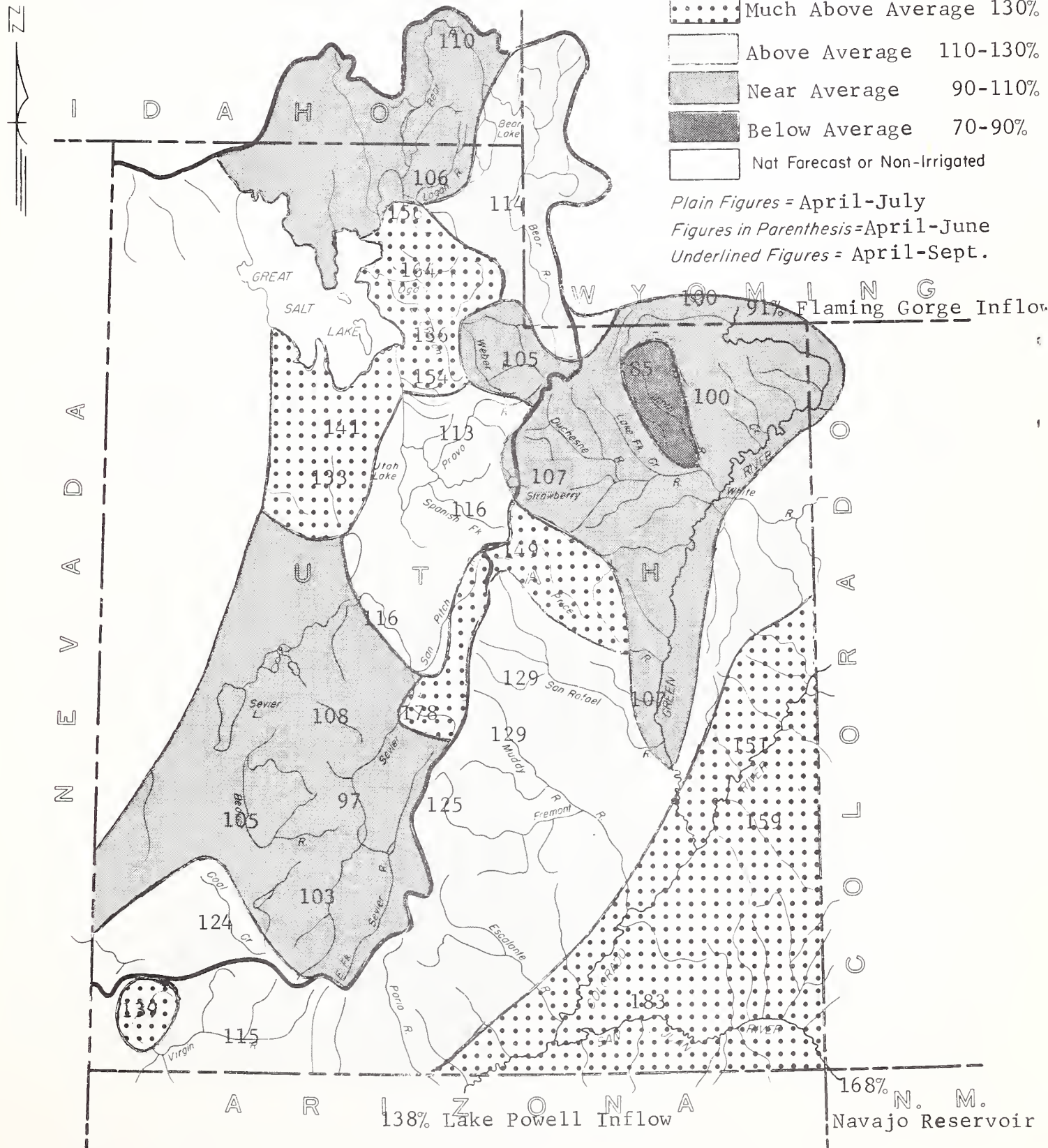
FORECAST STREAM FLOW
in Percent of 1958-72, 15 Year Average



Plain Figures = April-July

Figures in Parenthesis = April-June

Underlined Figures = April-Sept.



WATER SUPPLY OUTLOOK

as of
APRIL 1, 1975

* * * * *
* Utah's 1975 Water Supply Outlook ranges from below average on *
* the Uintah and Whiterocks Rivers to much above average on the *
* Ogden, Lost Creek, Big Creek, Mill Creek and San Juan Rivers. *
* Snow cover varies from 79% of average on the east end of the *
* Uintahs to 155% on the Ogden. Reservoir storage is 123% of *
* the April 1 average. Streamflow forecasts range from 198% on *
* Lost Creek to 83% on Whiterocks. *
* * * * *

SNOW COVER

Snow cover was improved as much as 41% by heavy March storms and now ranges from 79% of the April 1 average on Ashley-Brush Creeks (measured prior to month-end storms) to 155% on the Ogden River. Weber Basin is now 126% of average and Provo 133%. Duchesne River is 122% and Bear is 115% of the April 1 average. Virgin River snow cover is now 127% of average, Coal Creek 129% and the Upper Sevier 113%. Price River is 129%, San Rafael is 119%, and Fremont River is 140% of the April 1 average snow cover.

PRECIPITATION

Precipitation at mountain stations varied from 65% of average on the east end of the Uintahs to better than 3 times average in Ogden Basin and southwestern Utah. Stations showing 2 to 3 times average catch were measured prior to heavy month-end storms.

RESERVOIR STORAGE

Reservoir storage in 24 reservoirs is 123% of the April 1 average and 93% of last year at this time. Utah Lake is 0.52 feet below compromise and Great Salt Lake is 4200.4 feet above mean sea level, 0.30 feet lower than a year ago, and 9.05 feet above the all time low of October 1963. The Lake rose 0.50 feet during the month, according to the U. S. Geological Survey.

STREAMFLOW FORECASTS

Streamflow forecasts improved in all areas of the state after much heavier than average increase to the snow pack. Forecasts of spring and summer runoff now range from a low of 83% on Whiterocks River in the Uintahs to a high of 198% on Lost Creek near Croydon. The South Fork Ogden is forecast 172% of the April-June period and Pineview Reservoir Inflow is expected to be 164% of average after heavy increases to the snow pack at medium and low elevations. Little Bear River (156%) and Big Creek (190%) also head in this same area and all 4 of these streams are expected to produce high flows this spring if temperatures turn warmer than average in the next month to 6 weeks.

WATER SUPPLY OUTLOOK (continued)

Hardscrabble Creek on the lower Weber is forecast 160% of the April-June average and has the potential for high peak flow again this year.

In southern Utah forecasts improved to near average or a little above average in most cases. Salina Creek is the only high area on the Sevier at 178% of average.

The San Juan River Basin received heavy March snow pack increases and is now forecast 183% of the April-July average and also has the potential for high peak flows.

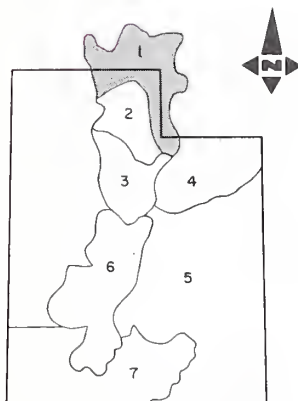
Streams heading on the east end of the Uintahs, Whiterocks and Uintah Rivers, are still expected to produce below average streamflow.

Most water users are expected to have near average or better than average water supplies this season.

WATER SUPPLY OUTLOOK

BEAR RIVER BASIN in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



WATERSHED LOCATION

APRIL 1, 1975



THE WATER SUPPLY OUTLOOK IS AVERAGE TO ABOVE AVERAGE

SNOW COVER ranges from 108% of the April 1 average on Logan River to 117% on the remainder of the Lower Bear. Upper Bear River is now 110% of average. The snow pack increased 8 to 13% during March in these basins.

PRECIPITATION at mountain stations ranged from 150 to 200% of the March average.

SOIL MOISTURE is still a little below average.

RESERVOIR STORAGE totals 113% of the April 1 average.

STREAMFLOW FORECASTS increased from 7 to 35% as a result of better than average March increases to the snow pack. Bear River forecasts now range from 110% at Harer, Idaho, to 114% at Randolph and 112% at the Utah-Wyoming line. Logan River Basin received the lowest increase to the snow pack (8%) and is now forecast 106% of the April-July average for the 1958-72 period. Blacksmith Fork is forecast 108% of average.

Little Bear is now forecast 156% of the April-June average and Big Creek near Randolph 190% of the April-July average after extra heavy increases to the snow pack. These two streams are expected to have higher than average peak flows. Water supplies are expected to be adequate or better for all uses assuming average temperature and precipitation during the spring and summer runoff seasons.

Report prepared by
BOB L. WHALEY

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FEDERAL BLDG. ROOM 4012 - SALT LAKE CITY, UTAH 84138

BEAR RIVER BASIN in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST	FORECAST		THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average +
BEAR RIVER					
Bear at Harer, Idaho ¹	316	110	Apr-Sept	- -	297
Bear nr Randolph	116	114	Apr-July	162	102
Bear nr Ut-Wyo State Line	125	112	Apr-July	126	112
Bear nr Woodruff	145	111	Apr-July	186	131
Big Creek nr Randolph, Utah	8.0	190	Apr-July	- -	4.2b
Blacksmith Fork nr Hyrum	52	108	Apr-July	71	48
Little Bear nr Paradise	53	156	Apr-June	53	34
Logan nr Logan ¹	119	106	Apr-July	153	113
Smith's Fork nr Border, Wyo.	126	109	Apr-Sept	- -	116
Thomas Fork nr Ut-Wyo State Line	36	112	Apr-Sept	- -	32
Woodruff Crk nr Woodruff, Ut	20	130	Apr-July	20	15.4
Cub River nr Preston, Idaho	57	114	Apr-Sept	- -	50

1 - Observed flow corrected for change in storage and diversions
b - Average of all past record - less than 15 years

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Gauges Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
UPPER BEAR RIVER	11	100	110
LOWER BEAR RIVER	19	104	117
LOGAN RIVER	6	97	108

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average +
BEAR RIVER	Bear Lake	1421.0	1110.5	1097.3	976.4
	Woodruff Narrows	26.5	26.5	21.5	24.5
LITTLE BEAR	Hyrum	15.3	10.3	11.1	12.9
	Porcupine	11.3	5.5	7.3	4.9

+ - 1958-72 15-Year Average Period

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average +
Big Creek nr Randolph	70-110	41b
Little Bear near Paradise	500-650	473
Logan River near Logan	905-1100	984
Woodruff Creek near Woodruff	290-400	240

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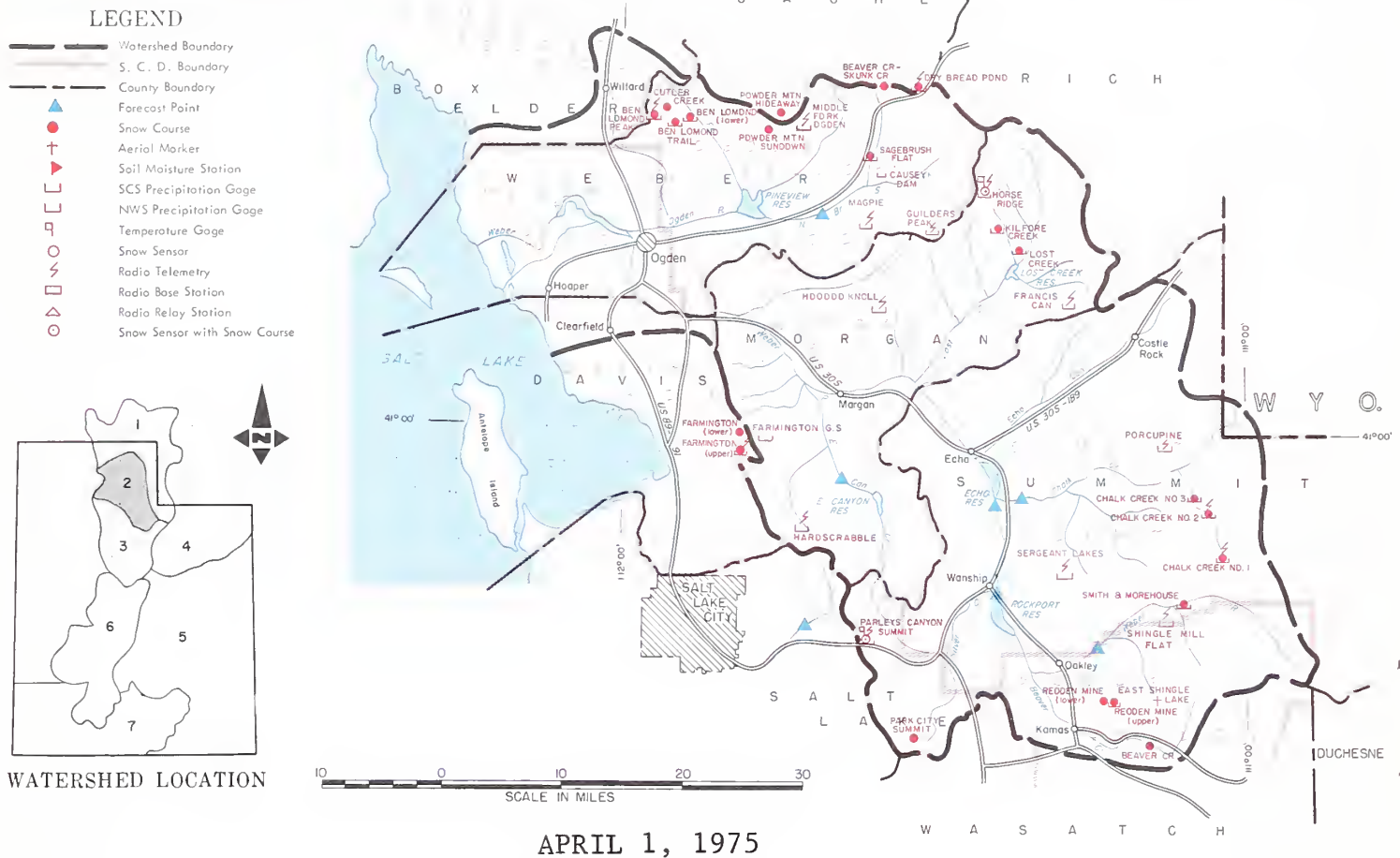
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"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



SNOW COVER improved 36% during March on the Ogden Basin and 12% on the Weber Basin and now stands at 155% of the April 1 average on the Ogden and 126% on the Weber.

PRECIPITATION at mountain stations during March was 2 to 3 times average on the Ogden Basin and 1 to 2 times average on Weber Basin.

SOIL MOISTURE is near average.

RESERVOIR STORAGE totals 146% of the April 1 average on the Ogden and 123% on the Weber. Water is being released to make space for peak run-off.

STREAMFLOW FORECASTS increased during March and now range from 103% of the April-June average for Rockport Inflow to 198% for Lost Creek. Pineview Reservoir Inflow is forecast 164% and South Fork Ogden 172%.

Hardscrabble Creek is forecast 160% of average and East Canyon Creek 136%. The Weber near Oakley forecast is 105% and Chalk Creek 109% of the April-June average. Farmington Creek is forecast 138% of its April-July average. Maximum mean daily peak flows on Lost Creek, South Fork Ogden, Hardscrabble and East Canyon Creek are expected to be above average as a result of heavy low elevation snow cover.

Average to above average water supplies are expected for all uses in this area.

WEBER-OGDEN WATERSHEDS in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST	FORECAST		THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
WEBER-OGDEN RIVERS					
Chalk Creek at Coalville	35	109	Apr-June	60	32
East Canyon Creek nr Morgan ¹	30	136	Apr-June	28	22
Hardscrabble Crk nr Porterville	23	160	Apr-June	- -	14.4b
Lost Creek nr Croydon, Utah	27	198	Apr-June	- -	13.7
Pineview Reservoir Inflow ²	180	164	Apr-June	165	110
South Fork Ogden nr Huntsville	86	172	Apr-June	62	50
Rockport Reservoir Inflow ¹	113	103	Apr-June	- -	110
Weber nr Coalville	115	104	Apr-June	- -	111
Weber nr Oakley	105	105	Apr-June	127	100
JORDAN RIVER & SALT LAKE					
Farmington Crk nr Farmington	10.8	138	Apr-July	- -	7.8

1 - Observed flow corrected for change in storage and diversions

2 - Inflow record as computed by U. S. Bureau of Reclamation

b - Average of all past record - less than 15 years

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
OGDEN RIVER	6	148	155
WEBER RIVER	10	125	126

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
OGDEN	Causey	6.9	1.5	0.5	2.8
	Pineview	110.1	67.7	70.2	44.7
WEBER	East Canyon	48.1	40.0	41.1	21.0
	Echo	73.9	65.3	51.6	45.7
	Lost Creek	20.0	13.4	14.0	12.0
	Rockport	60.9	32.7	53.2	27.1
	Willard Bay	193.3	156.9	158.7	136.5

+ - 1958-72 15 Year Average Period

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Chalk Creek near Coalville	425-650	373
Lost Creek near Croydon	325-450	206b
South Fork Ogden near Huntsville	820-1220	697

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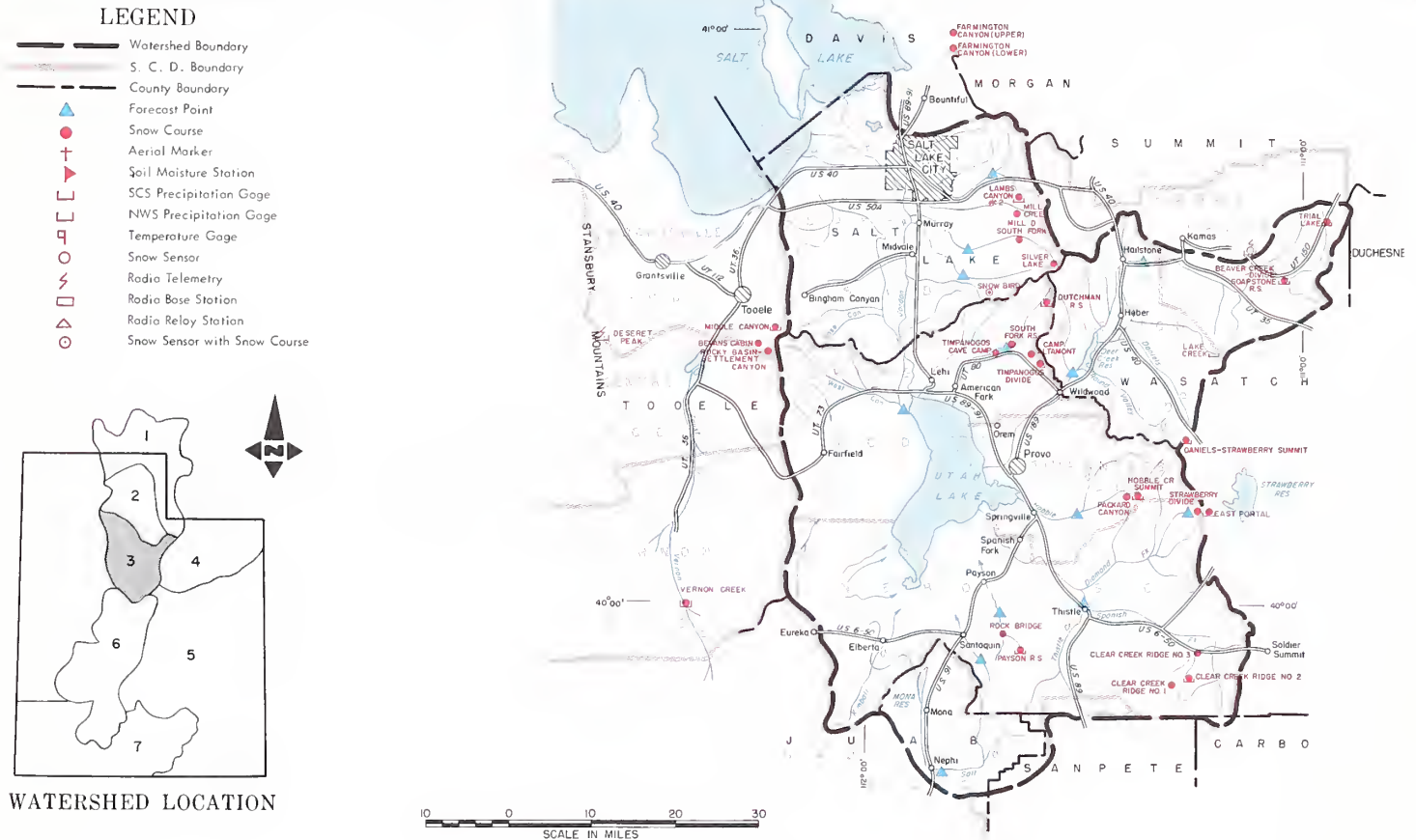
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WATER SUPPLY OUTLOOK

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER improved 18 to 24% of average during March. Utah Lake drainages are now 133% of the April 1 average, Jordan River tributaries above Salt Lake 139%, and Tooele Valley 142% of the April 1 average. Colder than normal temperatures have retained some low and most medium elevation snow on the watershed which normally would have melted in March.

PRECIPITATION at mountain stations ranged from 111% at Payson Ranger Station to 248% at Middle Canyon above Tooele. Middle Canyon was measured after the month-end storms and reflects as much as 50 to 75% increase as a result of this storm.

SOIL MOISTURE is near average.

RESERVOIR STORAGE is above average. Utah Lake is 0.52 feet below compromise, Deer Creek is 102% of average, and Strawberry is 180% of the April 1 average. Vernon Creek is full and Settlement Canyon is nearly full.

STREAMFLOW FORECASTS now range from 107% on Strawberry Inflow to 154% on Parley's Creek for the April-July period. Settlement Canyon is forecast 141% of average and Utah Lake Inflow 118%. Maximum mean daily peak flows are expected to be near to a little above average this year if near normal temperatures and precipitation prevail during the runoff season.

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST			THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
<u>PROVO RIVER & UTAH LAKE</u>					
American Fork nr American Frk	36	124	Apr-July	- -	29
Hobble Creek nr Springville	17.9	112	Apr-July	- -	16
Provo nr Hailstone ¹	115	113	Apr-July	- -	102
Provo below Deer Creek Dam ¹	125	113	Apr-July	- -	111
Spanish Fork at Thistle	37	116	Apr-July	- -	32
Strawberry Reservoir Inflow ¹	48	107	Apr-July	- -	45
Utah Lake Inflow	246	118	Apr-July	- -	208
Payson Creek nr Payson	7.2	114	Apr-July	- -	6.3b
<u>JORDAN RIVER & SALT LAKE</u>					
Big Cottonwood nr SLC	43	119	Apr-July	- -	36
Farmington Crk nr Farmington	10.8	138	Apr-July	- -	7.8b
Little Cottonwood Crk nr SLC	41	117	Apr-July	- -	35
Parley's Creek nr SLC	18	154	Apr-July	- -	11.7
<u>TOOELE VALLEY</u>					
Settlement Creek nr Tooele	3.1	141	Apr-July	- -	2.2b
Vernon Creek nr Vernon	0.8	133	Apr-July	- -	0.6b
1 - Observed flow corrected for change in storage and diversions					

1 - Observed flow corrected for change in storage and diversions

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
PROVO RIVER & UTAH LAKE	14	141	133
JORDAN RIVER & SALT LAKE	7	134	139
TOOELE VALLEY	3	137	142

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
<u>SPANISH FORK</u>	Strawberry	270.0	214.8	217.1	119.2
<u>PROVO RIVER</u>	Deer Creek	149.7	97.5	120.7	95.8
<u>UTAH LAKE</u>	Utah Lake	883.9	835.8	900.1	642.3
	Settlement Creek	1.2	1.1	- -	- -
	Vernon Creek	0.6	0.6	- -	- -
+ - 1958-72 15 Year Average Period					
b - Average of all past record - less than 15 years					

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Hobble Creek near Springville	225-450	210
Spanish Fork near Thistle	375-575	365

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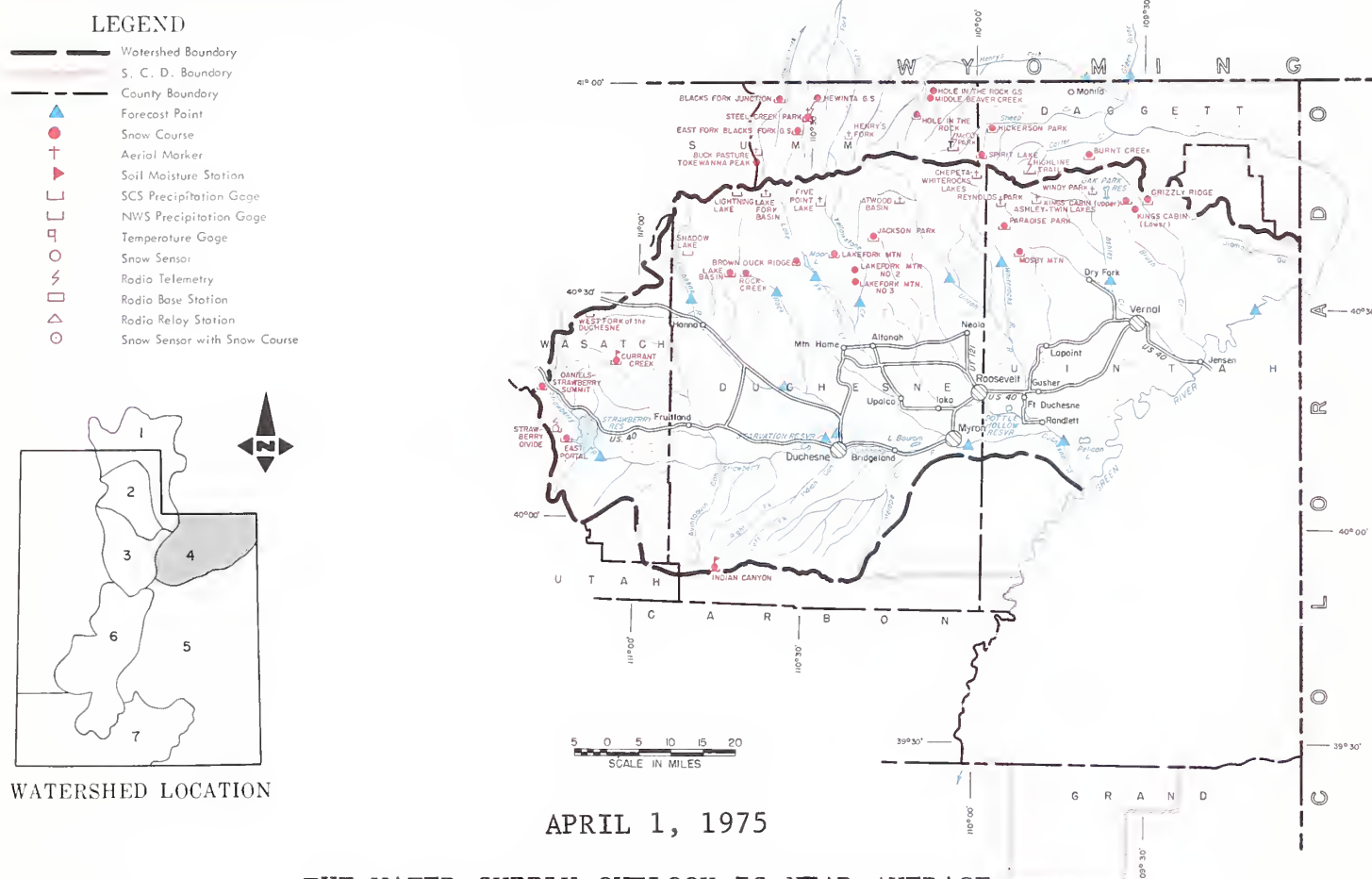
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WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



SNOW COVER increased from 8 to 40% in Uintah Basin. Late measurements on Lakefork-Yellowstone Creeks reflect the most increase (40%) because of month-end storms. Early measurements on Ashley Creek still show 79% of average as it did a month ago. Strawberry River is now 119% of average and Duchesne total is 122%.

PRECIPITATION at mountain stations varied from 65% to 230% of the March average. Stations showing lower percentages were measured before month-end storms.

SOIL MOISTURE is near average in the west end of the basin but only slightly below average on the east end.

RESERVOIR STORAGE is below average. Steinaker is 84% and Moon Lake is 53% of the April 1 average. Flaming Gorge storage is 3,071,800 acre-feet or 15,200 acre-feet less than last year.

STREAMFLOW FORECASTS increased 1 to 17% since March 1. Duchesne and tributaries now range from 83% on Whiterocks to 110% on Rock Creek for the April-July period. Ashley Creek and Henry's Fork are forecast 100% of average and the Inflow to Flaming Gorge 91%.

Maximum mean daily peak flows are expected to be near average unless cool stormy weather continues to increase the snow pack until May 1.

UINTAH BASIN and DAGGETT SCD's in UTAH

STREAMFLOW FORECASTS

STREAMFLOW FORECASTS		THIS YEAR		PAST RECORD	
BASIN, STREAM and/or FORECAST POINT	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
<u>DUCHESNE RIVER</u>					
Duchesne nr Tabiona ¹	107	104	Apr-July	- -	104
Duchesne at Duchesne ¹	200	108	Apr-July	- -	185
Duchesne at Myton ¹	220	107	Apr-July	- -	205
Duchesne at Randlett ¹	235	107	Apr-July	- -	220
Lakefork below Moon Lake ¹	70	101	Apr-July	- -	69
Rock Creek nr Mtn. Home	103	110	Apr-July	- -	94
Strawberry at Duchesne	60	107	Apr-July	- -	56
Uinta nr Neola	75	85	Apr-July	- -	88
Whiterocks nr Whiterocks	48	83	Apr-July	- -	58
Yellowstone nr Altonah	66	102	Apr-July	- -	65
<u>FLAMING GORGE TO DUCHESNE RIVER</u>					
Ashley Creek nr Vernal	50	100	Apr-July	- -	50
Henry's Fork at Linwood	45	100	Apr-Sept	- -	45
Flaming Gorge Inflow ¹	1074	91	Apr-July	- -	1174
1 - Observed flow corrected for change in storage and diversions					

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
DUCHESNE RIVER	11	169	122
STRAWBERRY RIVER	3	128	119
LAKEFORK-YELLOWSTONE	3	232	127
UINTAH-WHITEROCKS	2	165	101
ASHLEY-BRUSH CREEKS	2	147	79

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
<u>ASHLEY CREEK</u>	Steinaker	33.3	18.7	29.2	22.3
<u>GREEN RIVER</u>	Flaming Gorge	3749.0	3071.8	3087.0	1588.0
<u>LAKE FORK</u>	Moon Lake	35.8	10.1	25.4	19.2
<u>STRAWBERRY</u>	Starvation	165.3	101.8	120.3	- -
<u>UINTAH</u>	Bottle Hollow	11.3	10.0	9.3	- -

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Ashley Creek near Vernal	800-1100	906
Strawberry at Duchesne	550-950	628

b - Average of all past record - less than 15 years
+ - 1958-72 15 Year Average Period

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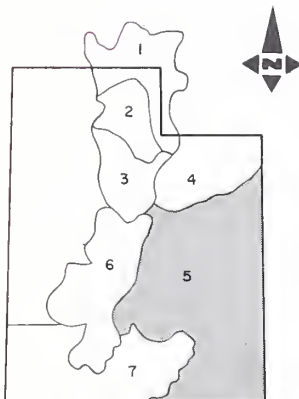
WATER SUPPLY OUTLOOK

CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS

LEGEND

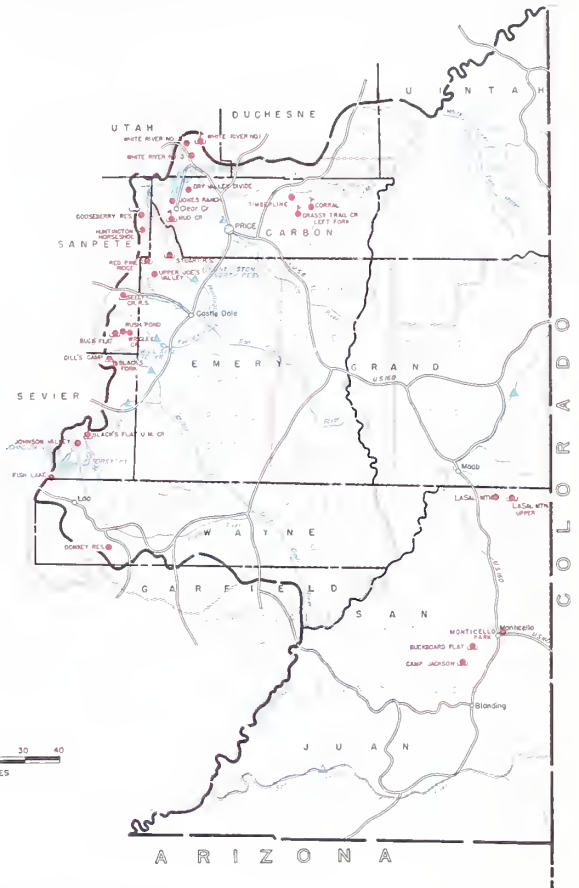
- Watershed Boundary
- - - S. C. D. Boundary
- - - County Boundary
- ▲ Forecast Point
- Snow Course
- ▲ Aerial Marker
- Soil Moisture Station
- SCS Precipitation Gage
- NWS Precipitation Gage
- Temperature Gage
- Snow Sensor
- Radio Telemetry
- Radio Base Station
- Radio Relay Station
- Snow Sensor with Snow Course



WATERSHED LOCATION

SCALE IN MILES
0 10 20 30 40

APRIL 1, 1975



THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER improved 10 to 22% during March and now ranges from 119% of the April 1 average on the San Rafael to 132% on San Juan courses above Monticello, Utah. Mill Creek above Moab is 121% of the April 1 average.

PRECIPITATION at mountain stations ranges from 104% of the March average on stations measured prior to month-end storms to 195% on those stations measured after the storms.

SOIL MOISTURE is near average at medium to high elevations.

RESERVOIR STORAGE is above average but less than last April 1.

STREAMFLOW FORECASTS improved 5 to 41% as a result of heavy March snow pack increases and now range from 107% of the April-July average at Green River to 183% on the San Juan near Bluff. Mill Creek is forecast 159% of average and the Colorado at Cisco 151%. Scofield Inflow is forecast 149% and Price near Heiner 148%. Ferron and Muddy Creeks are forecast 129%, Cottonwood 126%, and Huntington Creek 120% of the April-July average.

Adequate water supplies are expected for all uses this season.

CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
PRICE RIVER					
Gooseberry Creek nr Scofield	14.5	145	Apr-July	- -	10.0
Price nr Heiner ¹	95	148	Apr-July	- -	64b
Scofield Reservoir Inflow	51	149	Apr-July	- -	34
SAN RAFAEL RIVER					
Cottonwood Crk nr Orangeville	58	126	Apr-July	- -	46b
Ferron Creek nr Ferron	45	129	Apr-July	- -	35
Huntington Creek nr Huntington	54	120	Apr-July	- -	45
MUDDY CREEK					
Muddy Creek nr Emery	22	129	Apr-July	- -	17.0
UPPER COLORADO BASIN					
Colorado nr Cisco, Utah	4282	151	Apr-July	- -	2835
Green at Green River, Utah	3037	107	Apr-July	- -	2839
Navajo Reservoir Inflow	1000	168	Apr-July	- -	597
San Juan nr Bluff, Utah	1561	183	Apr-July	- -	853
Mill Creek nr Moab	7.8	159	Apr-July	- -	4.9
FREMONT RIVER					
Seven Mile Creek nr Fish Lake	8.0	125	Apr-July	- -	6.4b

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
PRICE RIVER	Scofield	65.8	34.5	45.5	31.0
SAN RAFAEL	Huntington North	3.9	3.9	3.7	2.9
	Joe's Valley	54.6	36.8	47.0	32.9
	Mill Site	16.7	4.3	6.1	- -
SAN JUAN	Navajo	1696.0	968.4	985.5	- -

+ - 1958-72 15 Year Average Period

b - Average of all past record - less than 15 years

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
PRICE RIVER	9	165	129
MILL CREEK	2	119	121
SAN JUAN RIVER	2	189	132
SAN RAFAEL RIVER	7	117	119

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Ferron Creek near Ferron	400-700	419
Muddy Creek near Emery	140-275	157

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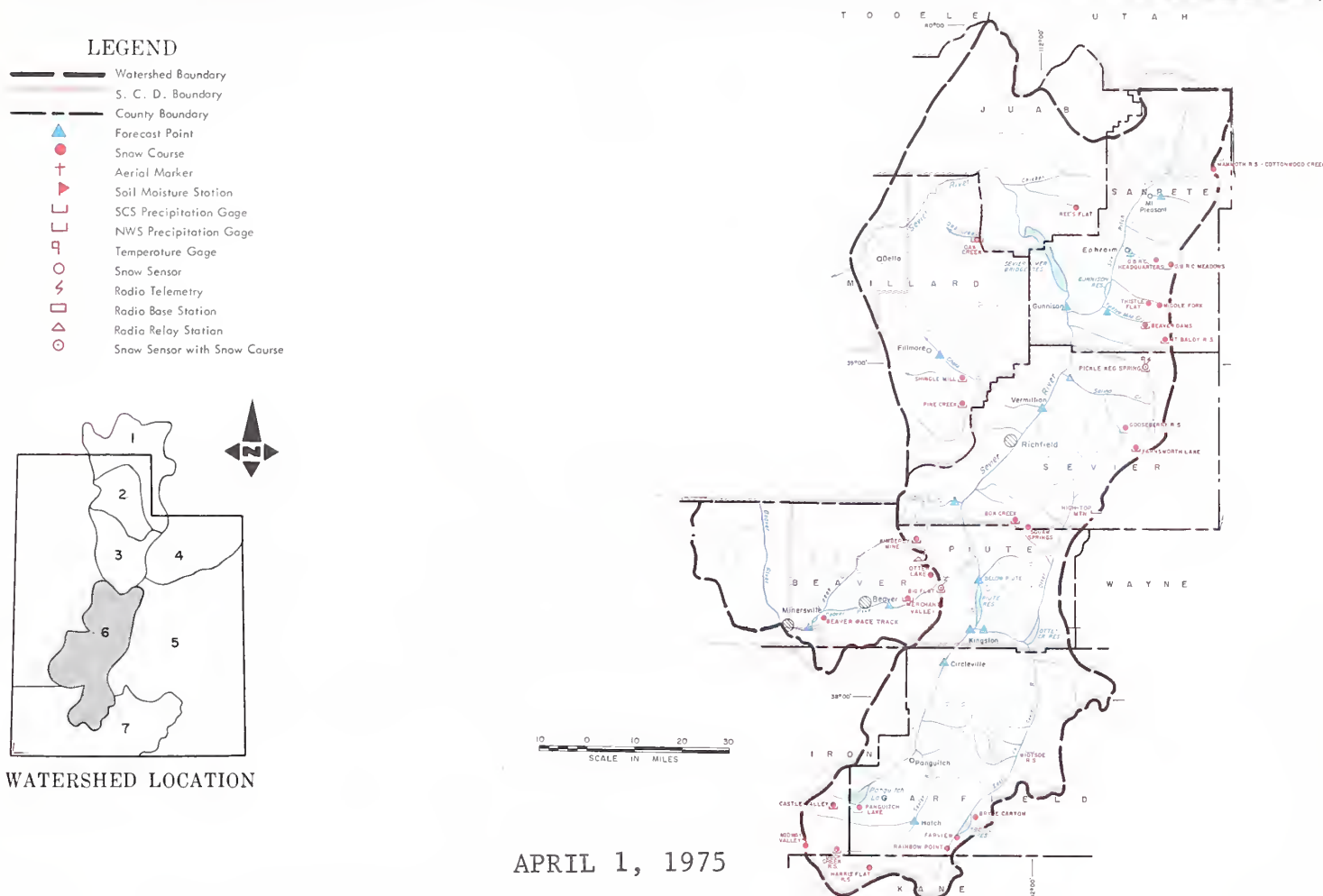
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WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE TO ABOVE AVERAGE

SNOW COVER improved 8 to 29% during March and now ranges from 108% of the April 1 average on Beaver River to 125% on Chalk Creek. The Upper Sevier is now 113% and the Lower Sevier 121% of the April 1 average.

PRECIPITATION at mountain stations ranged from 123% on Beaver and Clear Creek, which were measured prior to month-end storms, to 230% on the Upper Sevier.

SOIL MOISTURE is below average on the Upper Sevier and Beaver Rivers.

RESERVOIR STORAGE in the 3 Sevier River Reservoirs (Otter, Piute, and Sevier Bridge) is 133% of the April 1 average but only 75% of last April 1. Gunnison is full and Minersville is 87% of average and 52% of last year at this time.

STREAMFLOW FORECASTS improved during March and now range from 86% of the April-June average for Minersville Inflow to 178% for Salina Creek. The Sevier is forecast 103% at Hatch, 95% at Kingston, and 116% at Gunnison. Clear Creek is forecast 97% and the East Fork Sevier 96% of the April-July average. Beaver River is forecast 105% and Chalk Creek 108%. Ephraim and Pleasant Creeks are forecast 128% and 135%, respectively.

Maximum mean daily peak flows are expected to be near average except on Salina Creek which is forecast at 280-350 cfs.

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST Thousand Acres Feet	PERCENT OF AVERAGE	FORECAST PERIOD	THOUSAND ACRE FEET Last Year	Average †
SEVIER RIVER					
Chalk Creek nr Fillmore	16.8	108	Apr-July	- -	15.5b
Clear Crk nr Sevier (abv Div)	14.5	97	Apr-July	- -	15.0
East Fork Sevier nr Kingston	13.8	96	Apr-July	- -	14.4
Antimony Creek nr Antimony Inflow	6.5	89	Apr-July	- -	7.3
Kingston to Vermillion Dam	45	90	Apr-June	- -	50
Vermillion Dam to Gunnison	48	123	Mar-June	- -	39
Salina Creek at Salina	14.4	178	Apr-June	- -	8.1b
Sevier nr Circleville	28	100	Apr-July	- -	28
Sevier nr Gunnison	45	116	Apr-July	- -	39
Sevier at Hatch	42	103	Apr-July	- -	41
Sevier nr Kingston	20	95	Apr-July	- -	21
Sevier below Piute Dam ¹	32	97	Apr-July	- -	33
SAN PITCH RIVER					
Ephraim Creek nr Ephraim	17.8	128	Apr-July	- -	13.9b
Pleasant Creek nr Mt. Pleasant	10.5	135	Apr-July	- -	7.8
BEAVER RIVER					
Beaver nr Beaver	21	105	Apr-July	- -	20
Minersville Reservoir Inflow ¹	5.0	86	Apr-June	- -	5.8
North Creek near Beaver (Comb. No. Frk & So. Frk)	11.8	101	Apr-July	- -	11.7

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Gauges Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
UPPER SEVIER	12	156	113
EAST FORK SEVIER	6	143	119
SOUTH FORK SEVIER	6	170	111
LOWER SEVIER	12	99	121
CHALK CREEK	2	94	125
BEAVER RIVER	3	106	108

1 - Observed flow corrected for change in storage and diversions

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
SEVIER RIVER	Gunnison	18.2	18.2	18.2	14.9
	Otter Creek	52.5	36.2	50.2	34.0
	Piute	71.8	47.0	65.5	46.8
	Sevier Bridge	236.0	178.7	233.4	116.1
BEAVER RIVER	Minersville (Rky Fd)	23.3	12.4	23.9	14.3

b - Average of all past record - less than 15 years
+ - 1958-72 15 Year Average Period

FORECAST DATE of LOW FLOW VALUES

FORECAST POINT	Low Flow Value Second/Ft.	Forecast Date Stream Will Recede to Low Flow Value	Average Date of Low Flow Value
Sevier at Hatch	100	July 3	July 10
Sevier at Circleville	91	June 18	June 24
Clear Crk nr Sevier (Abv Div.)	5	July 8	July 28
Salina Creek at Salina	25	June 15	June 10

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Beaver near Beaver	130-320	212
Clear Creek near Sevier	145-180	170
Salina Creek near Salina	280-350	235
Sevier River at Hatch	400-600	418
Sevier River at Circleville	275-475	304
Sevier River at Kingston	250-350	263

PRIMARY WATER RIGHT FORECASTS (PERCENT OF WATER RIGHT DELIVERED)

RIVER SECTION	Percent Forecast For This Year	Average Percent Delivered During 15 year Period †	Forecast Period
SEVIER RIVER			
Panguitch Valley	100	82	April-Sept.
Circle Valley	80	65	April-Sept.
Sevier Valley	45	38	April-Sept.
Below Vermillion Dam	58	55	April-Sept.

Inflow to Sevier Bridge Reservoir October 1 to March 31 was about 81,500 acre-feet with exchange water expected to make up the 89,280 acre-feet.

Below Vermillion - Flow above 360 second feet should total about 4,000-5,000 acre-feet.

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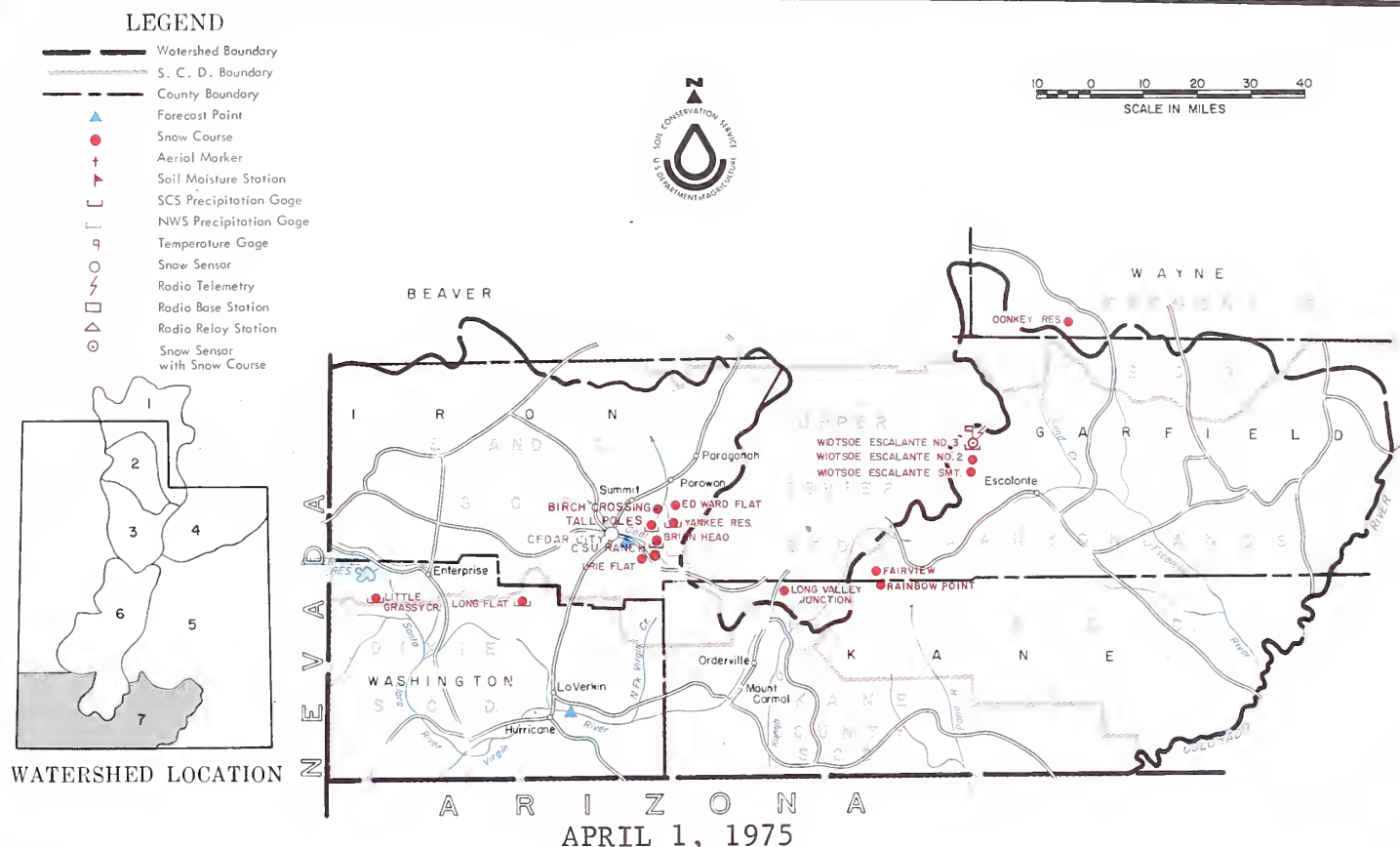
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"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE TO ABOVE AVERAGE

SNOW COVER improved 11 to 41% in this area and now ranges from 112% of average on Parowan Creek to 129% on Coal Creek. Virgin Basin snow cover improved from 91% of average on March 1 to 127% of the April 1 average. Long Flat snow course, measured after the storms the last few days of March, has more than twice the April 1 average with 11.2 inches of water.

PRECIPITATION at mountain locations ranged from 90% of the March average at Yankee Reservoir to 340% at Little Grassy although this measurement was made on April 3 and includes an extra week of storm.

SOIL MOISTURE is below average and is expected to absorb snow melt prior to runoff.

RESERVOIR STORAGE in Lake Powell is now 17,295,000 acre-feet. This is less than last years 17,935,000 acre-feet.

STREAMFLOW FORECASTS improved 20 to 46% as a result of heavy increases to the snow pack. Coal Creek is now forecast 124% of the April-July average. Virgin River is forecast 115% of the April-June average and Santa Clara 139% of its April-June average. Lake Powell Inflow is expected to be 9,469,000 acre-feet or 138% of its April-July average.

This area is now expected to have adequate water supplies this season with maximum mean daily peak flows slightly above average resulting from delayed melt this season.

Report prepared by
BOB L. WHALEY
U.S. DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
FEDERAL BLDG. ROOM 4012 - SALT LAKE CITY, UTAH 84138

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

STREAMFLOW FORECASTS

STREAMFLOW FORECASTS		THIS YEAR		PAST RECORD	
BASIN, STREAM and/or FORECAST POINT	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
<u>COAL CREEK</u>					
Coal Creek nr Cedar City	20	124	Apr-July	- -	16.1
<u>UPPER COLORADO</u>					
Lake Powell Inflow	9469	138	Apr-July	- -	6881
<u>VIRGIN RIVER</u>					
Virgin nr Virgin	55	115	Apr-June	- -	48b
Santa Clara nr Pine Valley	5.0	139	Apr-June	- -	3.6b

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average +
COAL CREEK	3	196	129
PAROWAN CREEK	2	118	112
VIRGIN RIVER	2	186	127

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average +
<u>COLORADO</u>	Lake Powell	25002.0	17295.0	17935.0	8462.1
	Blue Mesa	829.5	328.5	269.2	- -

b - Average of all past record - less than 15 years
+ - 1958-72 15 Year Average Period

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average +
Coal Creek	250-400	245
Virgin River	600-850	631b

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SNOW

DRAINAGE BASIN and SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APRIL 1 TO DATE		
				Last Year	Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
GREAT BASIN											
UPPER BEAR RIVER (Above Harer, Idaho)											
Big Park	3/26	80	24.0	23.6	21.2						
Burts-Miller Ranch	3/29	26	7.8	7.0	5.9	3/29	2.01	- -	8.76	9.03a	97
CCC Camp	3/28	52	15.6	14.8	12.2						
Hayden Fork	3/29	60	19.3	15.6	16.2	3/29	5.20	- -	22.47	20.48a	110
Kelly Ranger Station	3/26	76	21.8	21.4	18.9						
LaBarge Guard Station	3/24	97	30.8	36.3	- -						
Monte Cristo Ranger Station	4/1	82	29.7	28.4	26.0	4/1	7.28	4.73b	29.01	27.62b	105
Piney-LaBarge #2	3/24	73	24.3	25.8	23.8						
Poison Meadows	3/24	98	28.2	35.3	30.8						
Salt River Summit	3/31	63	19.8	18.4	16.2	3/31	4.55	2.57	19.00	16.74	114
Snyder Basin	3/24	54	17.1	18.2	16.6						
Stillwater Camp	3/29	46	11.8	10.8	11.3	3/29	2.95	- -	13.42	12.01	112
LOWER BEAR RIVER (Below Harer, Idaho)											
Christensen Ranch	4/1	33	10.6	9.5	7.1						
Clarkston Mountain*						4/3	Data Not Available - USU				
Cub River Ranger Station	4/1	33	12.0	9.5	6.1						
Dry Basin	4/1	96	32.6	32.9	30.0a						
Dry Creek Flat	3/31	35	11.0	5.9	3.3						
Deer Springs*						4/3	Data Not Available - USU				
Emigrant Summit	4/1	93	28.6	29.4	25.4						
Emigration Canyon	4/1	44	13.5	9.2	10.7						
Franklin Basin*	4/1	82	28.7	33.9	28.0						
Garden City Summit	4/1	56	17.5	20.2	19.2	4/1	4.96	3.04b	20.28	19.72b	103
George Peak											
Horseshoe Basin	4/1	82	27.4	28.2	28.1a						
Klondike Narrows	4/1	69	24.5	23.9	20.5						
Liberty Springs	4/1	118	40.8	46.7	36.8a						
Little Bear (lower)	4/1	42	14.7	10.4	9.5						
Little Bear (upper)	4/1	54	19.0	14.7	12.0	4/3	Data Not Available - USU				
Oxford Mountain	3/31	46	13.0	8.0	8.2						
Slug Creek Divide	4/1	68	20.2	15.0	16.7						
Steep Hollow #1	4/1	116	41.9	41.8	38.2						
Steep Hollow #2	4/1	90	31.7	32.8	28.8						
Strawberry Creek	4/1	41	13.5	12.6	10.0						
Strawberry Mink Divide	4/1	78	26.4	24.9	21.5						
Tony Grove Lake*						4/3	11.10	- -	- -	- -	- -
Tony Grove Ranger Station	4/1	45	14.7	11.1	11.9	4/3	3.20	- -	- -	- -	- -
Willow Flat	4/1	57	20.4	17.0	13.3	4/1	7.50	3.78b	30.31	22.80b	133
OGDEN RIVER											
Beaver Creek-Skunk Creek	4/1	52	18.9	11.2	11.5						
Ben Lomond (lower)	4/1	64	24.5	15.3	14.5	4/1	11.48	3.48	33.07	24.73	134
Ben Lomond Peak*	4/1	133	46.7	35.0	34.9	4/1	12.10	- -	- -	- -	- -
Causey Dam						4/1	4.60	2.28a	15.89	14.31a	111
Cutler Creek	4/1	116	40.8	29.8	25.7b						
Dry Bread Pond	4/1	75	27.6	19.6	18.1	4/1	7.24	3.56b	27.12	20.77b	130
Guilder's Peak*						4/1	6.20	- -	- -	- -	- -
Magpie Flat*						4/1	6.00	- -	- -	- -	- -
Middle Fork Ogden*						4/1	9.50	- -	- -	- -	- -
Sagebrush Flat	4/1	17	6.0	0.0	1.6						
WEBER RIVER											
Beaver Creek Ranger Station	3/29	37	11.9	6.1	7.2						
Chalk Creek #1	3/29	79	23.8	24.0	22.4						
Chalk Creek #2*	3/29	60	17.2	15.2	15.3						
Chalk Creek #3	3/29	29	8.8	6.4	7.4	3/29	3.29	2.59a	13.77	12.12a	114
Farmington Canyon (lower)	3/28	92	33.3	21.0a	22.2	3/28	8.90	4.68	36.34	25.25	144
Farmington Canyon (upper)	3/28	118	41.4	31.2	29.5						
Farmington Guard Station						3/28	9.45	- -	38.23	- -	- -
Francis Canyon*						4/3	4.30	- -	- -	- -	- -
Hardscrabble*						4/3	Data Not Available - USU				
Horse Ridge	4/1	73	26.5	28.4a	22.2	4/1	6.78	- -	28.34	- -	- -

SNOW

DRAINAGE BASIN and or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APRIL 1 TO DATE		
				Last Year	Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
<u>WEBER RIVER (continued)</u>											
Kilfore Creek	4/1	57	17.6	- -	- -						
Lost Creek Reservoir	4/1	17	6.6	- -	- -	4/1	3.33	- -	12.88	- -	- -
Park City Summit	3/31	115	45.8	38.8	- -						
Parley's Canyon Summit	3/28	79	24.9	18.9	17.9	3/28	6.72	3.86	29.13	22.02	132
Redden Mine (lower)	3/29	69	21.4	14.7	18.5						
Redden Mine (upper)						3/29	6.20a	3.71a	26.14	19.97a	131
Smith & Morehouse	3/25	53	14.1	11.3	13.2	3/25	4.08	3.15	17.78	18.09	98
<u>PROVO RIVER & UTAH LAKE</u>											
Camp Altamont	3/27	68	23.8	7.8	13.1						
Clear Creek Ridge #1	3/25	66	20.3	18.8	18.0						
Clear Creek Ridge #2	3/25	53	14.7	14.3	13.2	3/25	3.60	2.78	15.70	15.30	103
Clear Creek Ridge #3	3/25	23	7.8	2.9	5.5						
Dutchman Ranger Station	3/27	76	24.2	12.0	16.1	3/27	7.20	3.13b	27.25	20.95b	130
East Shingle Lake											
Hobble Creek Summit	3/26	59	17.7	11.5	12.4	3/26	5.10	2.78	20.00	16.66	120
Packard Canyon	3/26	38	12.8	6.6	8.2						
Payson Ranger Station	3/24	55	18.5	20.3	17.3	3/24	3.40	3.06	15.70	17.69	89
Rock Bridge	3/24	39	12.7	18.5	10.8						
Soapstone Ranger Station	3/29	51	15.6	11.4	12.1	3/29	3.42	2.47	18.39	15.69	117
South Fork Ranger Station	3/27	32	11.0	0.0	2.9						
Timpanogos Cave Camp	3/27	1	0.2	0.0	.8						
Timpanogos Divide	3/27	88	30.6	17.0	22.5	3/24	6.45	- -	21.40	- -	- -
Trial Lake	3/29	85	26.1	25.9	23.9	3/29	6.58	3.76	26.75	23.02	116
<u>JORDAN RIVER & SALT LAKE</u>											
Deseret Peak	-					4/3	10.20	- -	- -	- -	- -
Bevan's Cabin	4/3	47	15.4	11.6	10.0						
Lamb's Canyon	3/31	64	21.4	16.1	14.6						
Lamb's Canyon #2	3/31	66	22.5	15.4	14.5	3/31	7.85	- -	21.98	- -	- -
Middle Canyon - Tooele	4/1	60	19.7	13.2	13.0	4/1	8.00	3.23b	- -	16.65b	- -
Mill Creek	3/27	80	27.1	22.9	- -						
Mill D South Fork	3/28	82	27.4	20.6	19.4						
Rocky Basin - Settlement Cyn	3/29	104	33.8	25.5	25.3	3/29	- -	- -	36.46	- -	- -
Silver Lake (Brighton)	3/28	91	29.4	23.8	24.8						
Vernon Creek	3/31	39	12.0	4.9	- -	4/1	4.50	- -	16.63	- -	- -
<u>UPPER SEVIER RIVER (South of Richfield, Utah)</u>											
Box Creek	3/26	55	14.6	13.7	12.3	3/26	5.10	2.65	15.88	13.70	116
Bryce Canyon	3/28	17	5.3	0.0	2.7						
Castle Valley	3/28	56	14.2	7.2	12.2	3/28	5.60	2.69	16.08	14.55	110
Duck Creek Ranger Station	3/27	53	13.8	6.4	12.2	3/27	6.95	3.02b	17.95	17.25b	104
Farview	4/3	38	11.4	0.0	- -						
Harris Flat	3/27	28	8.3	0.0	6.6						
Kimberly Mine	3/21	49	14.5	16.7	15.0	3/21	5.00a	4.08	15.50	17.32	89
Midway Valley	3/27	79	23.5	15.0	20.8	3/27	8.60	- -	22.20	- -	- -
Panguitch Lake	3/28	10	2.8	0.3	2.7	3/28	2.45	1.24	8.03	7.19	112
Rainbow Point	4/3	45	13.9	0.0	- -						
Squaw Springs	3/24	35	9.2	6.9	6.4						
Widtsoe Escalante Summit	3/27	22	6.2	3.8	5.9						
Widtsoe Escalante #2	3/27	37	9.0	6.2	8.4						
Widtsoe Escalante #3	3/27	41	10.3	7.6	10.2	3/27	3.71	2.23	14.17	12.60	112
Widtsoe Ranger Station						3/27	1.32	- -	5.71	- -	- -
<u>LOWER SEVIER (Including San Pitch)</u>											
Beaver Dams	3/26	44	14.2	13.6	11.0	3/26	3.15	2.75	15.85	13.27	119
Farnsworth Lake	3/24	74	22.1	24.4	18.5	3/24	5.20	4.34	20.05	19.10	105
G.B.R.C. Headquarters	3/28	67	19.1	18.8	15.9	3/28	6.00	3.29b	19.45	- -	- -
G.B.R.C. Majors						3/28	4.00	- -	10.67	- -	- -
G.B.R.C. Meadows	3/28	86	28.6	27.4	24.7	3/28	6.50	3.68b	24.33	- -	- -
G.B.R.C. Oaks						3/28	4.45	- -	13.28	- -	- -
Gooseberry Ranger Station	3/24	50	15.4	18.4	11.3	3/24	3.80	- -	13.45	- -	- -
Mammoth R.S.-Ctnwood Crk	3/27	77	26.1	20.0	19.8	3/27	5.60	3.29b	22.85	18.64b	122
Middle Fork	3/31	82	26.6	26.0	23.3						
Mt. Baldy Ranger Station	3/26	82	26.5	27.9	22.5	3/26	4.55	3.42b	19.75	17.28b	114
Oak Creek	3/20	44	11.9	10.2	- -	3/20	- -	- -	10.76	14.64a	74
Pickle Keg Springs	3/21	48	16.9	19.0	- -						
Pine Creek	3/21	53	17.4	20.4	14.3	3/21	6.01	4.78	21.50	22.42	96

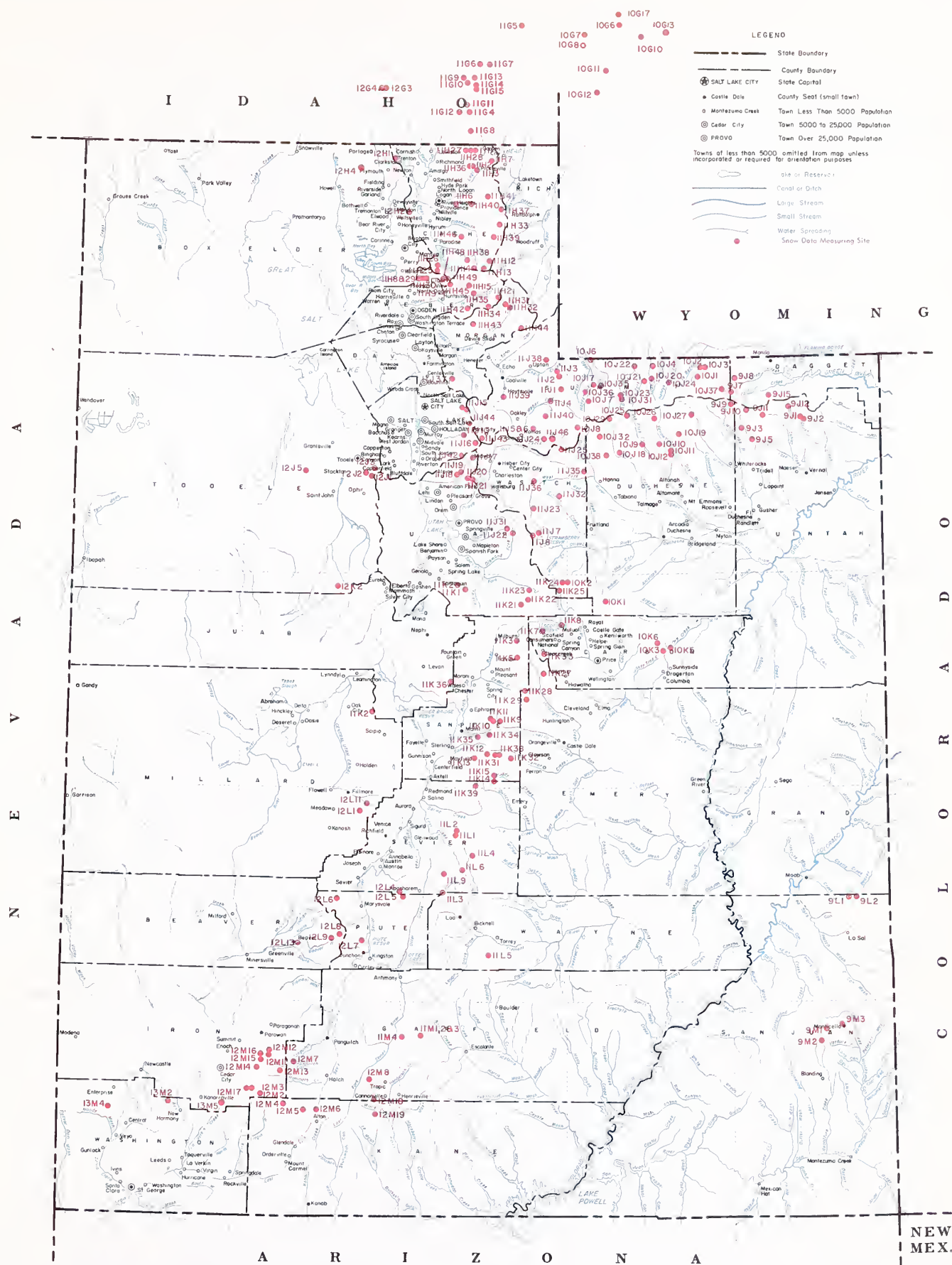
SNOW

DRAINAGE BASIN and or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
				Last Year	Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
<u>LOWER SEVIER (continued)</u>											
Ree's Flat	3/20	41	12.2	15.4	12.1	3/20	2.20	- -	12.30	- -	- -
Shingle Mill	3/21	36	11.2	10.1	8.5b	3/21	3.82	2.98b	16.06	13.71b	117
Thistle Flat	3/31	59	19.6	18.5	15.8						
<u>BEAVER RIVER</u>											
Beaver Canyon Power House						3/31	3.35	1.83	10.43	8.90	117
Beaver Race Track	3/24	0	0.0	0.0	- -						
Big Flat	3/24	63	17.0	15.6	17.2	3/24	4.30	3.49	15.26	16.39	93
Merchant Valley	3/24	46	11.9	9.9	8.4	3/24	3.69	3.01a	13.30	13.83a	96
Otter Lake	3/24	52	13.9	14.7	13.9						
<u>PAROWAN CREEK</u>											
Birch Crossing	3/25	23	6.7	3.5	- -						
Brian Head	3/25	74	21.6	19.6	- -						
Ed Ward Flat	3/25	28	8.2	6.6	6.9						
Tall Poles	3/25	50	14.4	13.1	- -	3/25	3.60	3.18a	14.85	17.89a	83
Yankee Reservoir	3/25	33	9.8	8.6	9.2	3/25	2.40	2.66	11.85	11.79	101
<u>COAL CREEK</u>											
SUSC Ranch	3/27	38	10.1	0.3	5.4a						
<u>ENTERPRISE TO NEW HARMONY DRAINAGES</u>											
Little Grassy Creek	4/3	0	0.0	0.0	1.1b	4/3	6.05	1.78b	16.70	13.03b	128
Long Flat	4/3	35	11.2	3.4	4.8b	4/3	6.00	2.34b	16.50	10.95b	151
<u>COLORADO RIVER BASIN</u>											
<u>UPPER GREEN RIVER - UTAH</u>											
Black's Fork Junction	3/29	37	9.9	11.6	9.3b	3/29	2.27	2.28b	10.27	11.53b	89
Black's Fork G.S.-East Fork	3/29	39	10.3	9.5	9.4b	3/29	2.39	2.44b	12.64	11.87b	106
Burnt Creek	3/20	18	4.4	4.4	- -	3/20	1.48	1.48b	7.89	9.01b	86
Grizzly Ridge	3/19	31	8.6	7.2	- -	3/19	1.80	2.20b	9.26	13.44	69
Hewinta G. S.	3/29	38	10.3	10.8	9.9	3/29	2.40	2.55b	11.66	12.50b	93
Hickerson Park	3/20	15	3.8	6.9	6.3b	3/20	1.60	1.64a	8.48	8.29a	102
Highline Trail	3/21	52	13.0	- -	- -	3/21	4.10	- -	11.45	- -	- -
Hole-in-the-Rock G. S.	4/3	0	0.0	0.4	2.0						
Hole-in-the-Rock	4/3	28	6.2	6.8	6.0						
King's Cabin (lower)	3/19	24	6.8	4.0	8.8						
King's Cabin (upper)	3/19	34	8.5	6.4	10.5	3/19	1.40	2.16	9.85	11.26	87
Middle Beaver Creek	4/3	18	5.0	3.8	5.1						
Spirit Lake	3/20	42	11.8	10.3	12.7b	3/20	2.46	2.65b	13.12	14.16b	93
Steel Creek Park	3/29	60	17.2	18.9	15.8						
Trout Creek	3/21	32	6.9	- -	- -	3/21	2.40	- -	7.45	- -	- -
<u>DUCHESNE RIVER</u>											
Currant Creek	3/26	43	11.4	5.6	8.4	3/26	3.70	- -	15.50	13.62	114
Daniels-Strawberry Summit	3/26	54	15.7	11.8	14.2	3/26	4.70	3.01	19.59	17.61	111
East Portal	3/26	48	15.5	11.0	10.8	3/26	4.06	2.49b	18.45	18.17b	102
Indian Canyon	3/25	52	15.5	7.6	12.5	3/25	3.75	2.03b	17.50	13.28b	132
Lakefork Mountain	3/26	58	13.8	8.4	11.1	3/26	4.65	2.02	16.70	12.24	136
Lakefork Mountain #2	3/26	41	9.3	3.3	7.4						
Lakefork Mountain #3	3/26	34	7.7	1.6	5.8						
Lake Basin	3/31	100	37.3	- -	- -						
Mosby Mountain	3/24	37	9.3	5.6	9.8	3/24	2.65	1.67a	13.15	10.83a	121
Paradise Park	3/24	45	12.8	7.8	12.0	3/24	3.30	1.94b	14.45	14.89b	97
Rock Creek	3/31	38	10.6	3.7	6.1	3/31	9.35	- -	15.56	- -	- -
Strawberry Divide	3/20	67	20.9	17.9	18.9						
Brown Duck Ridge	4/3	Measurement Delayed									
Jackson Park	4/3	Measurement Delayed									
Aerial Markers	4/3	Measurement Delayed									

SNOW

PRECIPITATION (Inches)

DRAINAGE BASIN and or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)			FROM APPROX. OCT. 1 TO DATE		
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
				Last Year	Average †						
<u>PRICE RIVER</u>											
Corral				4.9	7.3b						
Dry Valley Divide	3/28	43	12.4	6.6	9.2						
Gooseberry Reservoir	3/27	70	23.7	18.2	19.1	3/27	5.35	3.18	22.65	18.18	125
Grassy Trail-Left Fork	3/27	56	11.5	4.9	8.8b						
Jones Ranch	3/28	26	8.5	3.0	5.3						
Mud Creek #2	3/28	54	13.0	9.8	12.6	3/28	4.25	2.60b	16.96	14.20b	119
Timberline	3/27	73	15.1	9.2	14.1b						
White River #1	3/31	59	16.1	13.5	12.6	3/31	4.35	2.41	16.76	14.28	117
White River #2	3/31	42	11.5	6.7	7.5						
White River #3	3/31	34	11.4	2.7	6.5						
<u>SAN RAFAEL RIVER</u>											
Buck Flat	3/26	65	19.1	18.3	16.2	3/26	4.30	3.01	21.35	17.30	123
Huntington-Horseshoe	3/27	82	28.2	21.8	23.7b						
Orange Olsen	4/3	0	0.0	0.0	- -	4/3	2.05	1.05a	9.65	8.98a	107
Red Pine Ridge	4/3	61	20.0	16.8	17.1b	4/3	5.95	3.49	24.45	20.31	120
Rush Pond	3/26	61	16.9	14.0	13.6						
Seeley Creek	3/28	53	16.8	17.0	15.7						
Stuart Ranger Station	4/4	32	9.6	5.4	7.0			- -		12.16	
Upper Joe's Valley	4/3	44	13.3	9.5	9.7						
Wrigley Creek	3/26	52	12.9	11.2	10.9						
<u>MUDDY CREEK</u>											
Black's Fork	4/2	53	15.9	15.1	13.2						
Dill's Camp	4/2	47	13.1	14.8	11.8	4/2	5.20	- -	17.75	14.33a	124
<u>FREMONT RIVER</u>											
Black's Flat-U.M. Creek	3/24	44	13.2	13.2	10.5	3/24	2.91	2.81	13.43	12.15	110
Donkey Reservoir	3/25	33	9.2	5.0	7.2						
Fish Lake	3/24	35	10.6	10.9	5.8	3/24	2.18	1.82b	10.93	9.36b	117
Johnson Valley	3/24	30	8.7	9.2	6.3						
<u>MILL CREEK</u>											
LaSal Mountain (lower)	3/31	40	11.6	8.5	9.0						
LaSal Mountain (upper)	3/31	59	18.3	16.7	15.7	3/31	5.40	3.41b	15.45	15.67b	98
<u>SAN JUAN RIVER</u>											
Buckboard Flat	3/25	48	14.9	7.7	11.8	3/25	4.25	3.02	20.37	18.02	113
Camp Jackson	3/25	46	15.4	8.3	11.2	3/25	3.85	2.52b	20.30	15.92b	128
<u>VIRGIN RIVER</u>											
Kolob Crystal	3/31	78	25.9	17.5	- -						
Long Valley Junction	3/27	9	2.3	0.0	2.1						
Webster Flat	3/28	67	19.8	11.9	15.3	3/28	9.55	3.60	23.95	19.27	124
a - Partly Estimated b - Average of all past record - less than 15 years + - 1958-72 Average * - USU-SCS Cooperative Radio Reading											



SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1975

SCALE 1:1,500,000
ALBERS EQUAL AREA PROJECTION

USGS National Atlas 1:1,000,000 Albers Equal-Area projection (1967) used as source for base map and adapted for SCS use.

INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.	NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.	NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
GREAT BASIN DRAINAGE																				
UPPER BEAR RIVER (above Harer, Idaho)																				
10G11	W	Big Park	7	27N	17W	8,700	11J18P	U	Timpanogos Cave Camp	27	4S	2E	5,500	10J31P	U	Takewanna Peak	23	1N	11E	9,800
10J6P	W	Burns-Miller Ranch	9	29N	18W	7,900	11J21P	U	Timpanogos Divide	33	4S	3E	8,140	9J12ap	U	Windy Park	1	1S	20E	9,400
10J16P	U	Gold Hill	11	1N	9E	10,000	10J8P	U	Trail Lake	5	2S	9E	9,800	DUCHESNE RIVER						
10J36p	U	Hayden Fork	25	1N	9E	9,400	JORDAN RIVER & GREAT SALT LAKE						10J27ap	U	Alwood Basin	21	1S	15E	10,250	
10G12	W	Kelly Ranger Station	13	26N	11W	8,200	11J46Sp	U	Beaver Creek Divide	25	2S	7E	8,000	9J9ap	U	Brown Duck Ridge	2	2N	6W	10,300
10G17S	W	Lafarge Guard Station x	7	30N	18W	9,000	12J2	U	Devan's Cabin	24	4S	4W	6,450	11J32MP	U	Chepeta-Whiterocks Lakes	31	1S	17E	10,300
10J35p	U	Lily Lake	34	2N	10E	9,900	12J12	U	Deseret Peak	15	4S	7W	9,250	11J23MP	U	Current Creek	31	1S	10W	7,800
11H12P	U	Plonite-Cristo R.S.	4	30N	14E	8,960	11J1P	U	Mill Creek #2	15	4S	3W	7,000	11J7P	U	Daniels-Strawberry Summit	20	2S	12W	8,000
10G10	W	Piney LaBarge x	19	28N	14W	8,800	12J3P	U	Middle Canyon	8	1S	3W	7,000	10J26p	U	East Portal	36	7S	6E	7,560
10G6	W	Salt River Summit x	29	30N	11W	8,500	11J44	U	Mill Creek	32	1S	3E	6,500	10K12P	U	Five Point Lake	28	4N	5W	11,000
10G8P	W	Snyder Basin x	32	29N	11W	8,400	11J10	U	Mill D South Fork	18	2S	3E	6,500	10J19P	U	Indian Canyon	2	11S	10E	9,100
10G13MP	W	Stillwater Camp	15	29N	11SW	8,400	12J1P	U	Rocky Basin-Settlement Canyon	30	4S	3W	8,900	10J18P	U	Lakefork Basin	23	3N	4W	11,300
10J17P	U		32	2N	10E	8,550	11J16P	U	Silver Lake (Brighton)	35	2S	3E	8,725	10J25a	U	Lakefork Basin	23	3N	4W	11,300
							12K11P	U	Snow Bird (Good Valley)	16	10S	5W	7,500	10J10P	U	Lakefork Mountain #2	2 & 3	4N	7W	11,100
							12K2P	U	Vernon Creek	21	10S	5W	7,500	10J11	U	Lakefork Mountain #3	17	2N	4W	8,900
LOWER BEAR RIVER (below Harer, Idaho)																				
11H37P	U	Bug Lake	18	11N	5E	7,950	UPPER SEVIER RIVER (South of Richfield, Utah)						10J12	U	Lakefork Mountain #3	29	2N	4W	8,100	
11H36p	U	Bunchgrass	18	13N	3E	8,400	12L4P	U	Box Creek	33	26S	2W	9,800	9J2P	U	Madison Park	91S	2S	18E	9,500
11H31P	U	Christensen Ranch	27	13S	41E	5,600	12M8	U	Byron Canyon	36	36S	4W	8,000	10J18P	U	Paradise Park	7	3N	1E	10,100
11H18P	U	Chinaman Creek	5	14N	2W	6,300	12M13P	U	Castle Valley	23	36S	8W	9,700	10J32P	U	Rock Creek	21	2N	7W	7,900
11G12	U	Cub River Ranger Station	29	14N	2W	6,300	12M4P	U	Duck Creek R.S.	11	38S	8W	8,700	11J8PS	U	Shadow Lake	28	3N	8W	10,150
11H33P	U	Curly Creek	12	10N	4E	8,450	12M18	U	Farview	32	37S	4W	8,200	11J35P	U	Strawberry Divide	34 & 35	7S	6E	8,000
11H39P	U	Deer Springs	34	10N	4E	8,400	12M5	U	Harris Flat	24	38S	7W	7,700	PRICE RIVER						
11G14a	U	Dry Basin	30	13S	42E	7,900	12M6	U	High-Top Mountain	36	25S	1E	11,400	10K5M	U	Corral	32	13S	14E	8,200
12G4	U	Dry Creek Flat	31	13S	37E	6,350	12L1P	U	Kingsley Mill	16	25S	1E	11,400	11K4P	U	Grassy Valley Divide	25	12S	5E	7,900
11G15	U	Emigrant Summit	24	12S	42E	6,500	12M24	U	Midway Valley	4 & 5	36S	7W	8,200	10K3M	U	Grassy Trail Creek-Left Fork	2	14S	13E	7,970
11G7	U	Franklin Basin (moor)	1	16S	41E	8,000	12M7P	U	Panguitch Lake	29	38S	4W	9,100	11K7	U	Jones Ranch	32	12S	7E	7,600
11G8MP	U	Garden City Summit	34 & 35	14N	4E	7,600	12M19	U	Rainbow Point	29	38S	4W	9,100	11K33MP	U	Mud Creek	4	14S	7E	8,300
11H7MP	U	George Peak	4	13N	4W	9,000	12L5	U	Squaw Springs	3	27S	2W	9,300	10K6	U	Timberline	28	13S	13E	9,100
12H2p	U	Hell Canyon	24	11N	2W	6,400	11M4P	U	Wildsoe R.S.	22	34S	2W	7,600	11K2MP	U	White River #1	11	10S	8E	8,550
11H46p	U	Herd Hollow	4	11N	3E	7,000	LOWER SEVIER RIVER (Including San Pitch River)						11K24	U	White River #2	9	10S	8E	7,600	
11G15	U	Horseshoe Basin	1	14N	4E	7,000	11K13P	U	Beaver Dam	27	19S	3E	8,000	11K25	U	White River #3	30	10S	8E	7,400
11H1P	U	Liberty Springs	10	14N	3E	7,400	11L1P	U	Farnsworth Lake	27 & 33	23S	2E	9,900	SAN RAFAEL RIVER						
11G13	U	Liberty Springs	7	13S	42E	8,240	11K11P	U	G & R C. Headquarters	26 & 27	23S	2E	8,400	11K31P	U	Buck Flat	23	19S	4E	9,400
11H26	U	Little Bear (lower)	15	8N	1E	6,550	11K2P	U	Gooseberry R.S.	22	23S	2E	8,400	11K5	U	Huntington-Horseshoe	12	14S	5E	9,800
11H25P	U	Little Bear (upper)	22	8N	1E	6,550	11K3MP	U	Mammoth R.S.-Cottonwood Creek	13	13S	5E	8,800	11K28P	U	Red Pine Ridge	15	16S	6E	9,400
11H6	U	Mt. Logan	3	11N	2E	9,000	11K34	U	Middle Fork	16	18S	4E	9,600	10K2MP	U	Rush Pond	24	19S	4E	9,800
12G3	U	Oxford Mountain	32	13S	37E	6,800	11K12P	U	Mt. Baldy R.S.	19	19S	4E	9,500	11K9	U	Sealey Creek	25	17S	4E	10,000
11H46p	U	Paradise Canyon	36	10N	2E	7,450	11K25	U	Oak Creek	9	17S	3W	7,760	11K27P	U	Stuart R.S.	8 & 9	15S	7E	7,950
11H15	U	Shag Hollow	17	14N	3E	8,500	11K29PS	U	Pine Creek	4	21S	3E	9,600	11K32	U	Wrigley Creek	27	19S	5E	9,000
11H27	U	Sheep Hollow #2	9	14N	3E	7,700	12L1PS	U	Pine Creek	24	22S	4W	8,700	MUDDY RIVER						
11H28	U	Sheep Hollow #2	9	14N	3E	7,700	11K36	U	Rees's Flats	20	15S	2E	7,300	11K31P	U	Buck Flat	23	19S	4E	9,400
11G19	U	Strawberry Creek	9	13S	41E	5,800	12L11P	U	Shingle Mill	5	22S	3E	8,500	11K5	U	Huntington-Horseshoe	12	14S	5E	9,800
11G10	U	Strawberry Mink Divide	14	13S	41E	5,800	11K35	U	Thistle Flat	23	18S	3E	8,500	11K28P	U	Red Pine Ridge	15	16S	6E	9,400
11H2	U	Tony Grove Lake	5	13N	3E	17,400	BEAVER RIVER						11K9	U	Sealey Creek	25	17S	4E	10,000	
11H3M	U	Tony Grove Ranger Station	11	13N	3E	6,250	12L13	U	Beaver Race Track	23	29S	7W	6,020	11K29	U	Stuart R.S.	8 & 9	15S	7E	7,950
11H4	U	Trigona Springs	29	14N	4E	7,400	12L7PS	U	Big Flat	18	29S	4W	10,290	11K32	U	Wrigley Creek	27	19S	5E	9,000
11G4P	U	Willow Flat	2	13S	41E	6,100	12L9PS	U	Merchant's Valley	8 & 9	29S	5W	8,200	FREMONT RIVER						
OGDEN RIVER																				
11H4M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150	12L	U	Other Lake	1	29S	5W	9,300	11L6	U	Dill's Camp	27	20S	4E	9,200
11H8P	U	Ben Lomond Peak	3	7N	1W	8,000	PAROWAN CREEK						9M1P	U	Buckhorn Flat	36	33S	22E	9,000	
11H9P	U	Ben Lomond (lower)	1	7N	1W	6,000	12M16	U	Birch Crossing	23	35S	9W	8,100	9M2P	U	Camp Jackson	22	34S	22E	8,600
11H30P	U	Ben Lomond Trail	2	7N	1W	6,000	12M14	U	Brian Head	10	36S	9W	10,000	9L1	U	LaSal Mountain	5	27S	24E	8,800
11H35P	U	Causey Dam	34	7N	3E	5,500	12M15P	U	Edinburg Flat	20	35S	8W	8,700	9M3	U	Monticello Park	25	33S	23E	7,050
11H29	U	Culter Creek	17	7N	1W	6,780	13M4MP	U	Little Grassy Creek	15	38S	17W	6,100	SOUTHEASTERN UTAH DRAINAGES						
11H31MP	U	Dry Creek Pond	13	8N	4E	8,230	ENTERPRISE TO NEW HARMONY DRAINAGES						11M1	U	Buckhorn Flat	36	33S	22E	9,000	
11H32MP	U	McKee's Peak	27	6N	3E	7,700	12M16	U	Birch Crossing	23	35S	9W	8,100	11M2PT	U	Widhoie-Escalante Summit	22	34S	1W	9,500
11H45P	U	Middle Fork Ogden	16	7N	2E	8,420	12M15P	U	Edinburg Flat	20	35S	8W	8,700	11M3P	U	Widhoie-Escalante #3	22	34S	1W	9,500
11H49	U	Powder Mountain Hikeaway	6	7N	2E	8,250	13M2MP	U	Long Flat	2	38S	14W	8,000	VIRGIN RIVER						
11H48	U	Powder Mountain Sundown	1	7N	2E	8,400	12M11P	U	Yonkers Reservoir	20	35S	8W	8,700	12M6	U	Long Valley Junction	22	38S	6W	7,500
WEBER RIVER																				
11J24	U	Beaver Creek R.S.	28	7E	7,500	UPPER GREEN RIVER IN UTAH (above Duchesne River)						9J11aP	U	Ashley Twin Lakes	20	1S	19E	10,500		
11J1P	U	Chalk Creek #1	4	1N	8E	9,100	10J12P	U	Black's Fork G.S.-East Fork	25	3N	12E	9,300	10J21P	U	Black's Fork G.S.-East Fork	25	3N	12E	9,300
11J2MP	U	Chalk Creek #2	17 & 20	2N	8E	7,500	10J22P	U	Black's Fork Junction	33	3N	12E	8,925	9J14P	U	Burnt Creek	4	1N	20E	7,900
11J2P	U	Chalk Creek #3	20	2N	8E	7,500	10J23a	U	Buck Pasture	14	1N	11E	9,700	10J24p	U	Grizzly Ridge	8	1S	22E	8,500
11J12P	U	Farmington Canyon (lower)	14	3N	1E	6,950	9J14P	U	Burnt Creek	4	1N	20E	7,900	11L5	U	Henry's Fork	29	14E	10,000	
11J11PS	U	Farmington Canyon (upper)	26	3N	1E	6,950	9J15P	U	Henry's Fork	29	14E	10,000	11L6	U	Johnson Valley	24	25S	2E	8,850	
11H44a	U	Francis Canyon	29	5N	6E	7,400	10J24p	U	Grizzly Ridge	8	1S	22E	8,500	11L7	U	Johnson Valley	24	25S	2E	8,850
11J37p	U	Hardscrabble																		

Agencies Cooperating in Utah Snow Surveys

U.S. GOVERNMENT AGENCIES

U.S. Department of Agriculture
Soil Conservation Service
Forest Service
U.S. Department of Commerce
NOAA, National Weather Service
U.S. Department of Interior
Bureau of Reclamation
Geological Survey
National Park Service

STATE AGENCIES

Utah State University
Utah Fish and Game Department
Utah State Department of Natural
Resources, Division of Water Rights
Bear River Commissioner
Price River Commissioner
Provo River Commissioner
Sevier River Commissioners
Spanish Fork River Commissioner
Utah Lake and Jordan River Commissioner

MUNICIPALITIES

Manti
Salt Lake City

ORGANIZED PUBLIC AGENCIES

Beaver River Water Users Association
Board of Canal Presidents - Jordan River
Emery Canal and Reservoir Company
Moon Lake Water Users Association
Ogden River Water Users Association
Provo River Water Users Association
Strawberry Water Users Association
Sevier River Water Users Association

PRIVATE AGENCIES

Kaiser Steel Corporation

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